

## ABSTRACT OF THE INVENTION

**[0052]** Disclosed is a device and method for cleaning the air-intake system of an EGR-valve-equipped diesel engine. The EGR valve is removed and replaced with a vessel in which a pressure drop is created. The pressure drop creates sufficient vacuum so that cleaner may be administered into the air-intake duct of the vehicle. The vessel uses sizeable vanes to control the vacuum. The vanes also create turbulence which make the cleaner more effectively contacted with contaminants existing within the air intake system. An auger is also disclosed for cleaning out the inside surfaces of the air-intake duct so that contaminants are not allowed to crumble into the air intake system. Also disclosed is a cleaner which is particularly useful in cleaning diesel engines and may be used with the devices and methods described above.